

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT NO.: 7,731,532

PATENTEE: MASUMOTO ET AL-2 PCT ISSUED: JUNE 8, 2010

SERIAL NO.: 10/585,544 FILED: AUGUST 16, 2006

TITLE: CONNECTOR

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 C.F.R. §1.322

Attn: Certificate of Corrections Branch

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

In accordance with the provisions of 37 C.F.R. §1.322 of the Rules of Practice, which implement 35 U.S.C. 254, approval of the attached Certificate of Correction for the above-identified patent to correct the error noted below appearing in the issued patent is respectfully requested.

Most recently, in reviewing the above-identified patent, it was discovered that typographical errors appeared in Columns 1 and 5, which should be corrected.

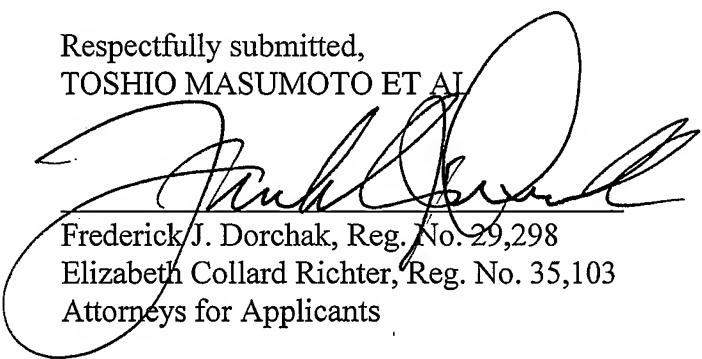
In particular, in Column 1, line 34, after the word "a" please change "Connector" to correctly read: **--connector--**.

In Column 5, line 6, after "13" please insert: **--held by an insulator 12--**.

Because the errors were the fault of the PTO, as is shown by the attached excerpts of the application as filed on August 16, 2006, and the amendment dated April 24, 2009, no fee is required for the filing of this Certificate of Correction; however, should any additional fees be required, the Commissioner is authorized to charge such fees to Deposit Account No. 03-2468.

Accordingly, approval of the attached Certificate of Correction is respectfully requested.

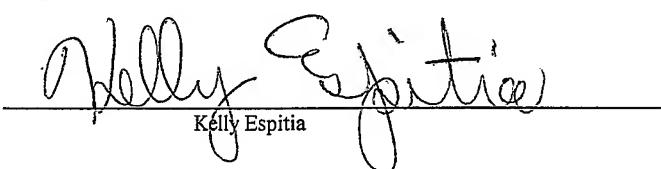
Respectfully submitted,  
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FJD:ke  
Enclosures:      Certificate of Correction  
                      Excerpt from the application as filed on 8/16/06.  
                      Excerpt from the amendment dated 4/24/09.

I hereby certify that this correspondence is being sent electronically to the United States Patent and Trademark Office on **August 17, 2010**.

  
Kelly Espitia

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 7,731,532

APPLICATION NO.: 10/585,544

ISSUE DATE : JUNE 8, 2010

INVENTOR(S) : MASUMOTO ET AL-2 PCT

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In particular, in Column 1, line 34, after the word "a" please change "Connector" to correctly read:  
--connector--.

In Column 5, line 6, after "13" please insert: --held by an insulator 12-- .

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

COLLARD & ROE, P.C.  
1077 Northern Boulevard  
Roslyn, NY 11576

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

## DESCRIPTION

### CONNECTOR

#### Technical Field:

[0001] This invention relates to an electrical connector used for an I/O connector of an electronic device and, more specifically, relates to an electrical connector with a flange to be attached to a frame, a panel, or the like of an electronic device, the electrical connector having a reinforcing member.

#### Background Art:

[0002] Conventionally, it is usual that, for EMI measure and ensuring mechanical strength, a connector of this type is provided with a tapped metal flange and a frame (panel) on the electronic device side and the flange of the connector are screwed together. As the I/O connector provided at an opening of a panel, a board, or a casing or frame of an electrical device, or the like in this manner, there is conventionally one disclosed in each of Patent Document 1 and Patent Document 2.

[0003] The connector shown in each of Patent Document 1 and Patent Document 2 is a connector called the right angle connection type (hereinafter referred to as Prior Art 1).

[0004] The connector according to Prior Art 1 includes a connector body and a shell forming the contour. On the other hand, on the front side of the shell is provided a flange standing upright integrally with the shell. On the lower side of the shell, project portions are provided which pass through a board and fixed by soldering on the back side. The flange is screwed to an attaching panel on the front side and it is configured that an opening portion of the connector can be observed through an opening of the panel.

Amendments to the Specification:

On Page 8, please amend the fourth full paragraph as follows:

[0033] As shown in Fig. 3(a), elongated metal contacts 13 held by an insulator 12 are provided inside the opening. In Fig. 3(a), it is seen that there are provided only plate-shaped connecting portions 59 arranged in two rows of upper and lower surfaces. The connecting portions 59 are fitted to a non-illustrated mating plug connector.